Arai et al.			[45] Date of Patent: May 1, 1990	
[54]	LIPID POWDER HAVING CROSS-LINKED COATING THEREON AND PROCESS FOR PREPARING SAME		4,402,856 9/1983 Schnoring et al. 424/492 4,492,714 1/1985 Cooper et al. 426/602 4,515,769 5/1985 Merritt et al. 424/49	
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[21]	Appl. No.:	216,887	[57] ABSTRACT	
[22]	Filed:	Jul. 8, 1988	A lipid powder having a cross-linked coating thereon	
[30]	Foreign Application Priority Data		comprises a core lipid powder and a water-soluble coating agent coating the core lipid powder. The water-sol-	
Jul. 14, 1987 [JP] Japan 62-173825		P] Japan 62-173825	uble coating agent contains cross-linked protein. A process for preparing lipid powders each having a cross-linked coating thereon comprises the steps of emulsifying lipid and a water-soluble coating agent containing protein to obtain an emulsion, adding a cross-linking agent for the protein the the emulsion to thereby cross-link the protein, atomizing and drying the emulsion containing the cross-linked protein to termi-	
[51] [52]	Int. Cl. ⁵			
[58]	Field of Search			
[56]	References Cited			
U.S. PATENT DOCUMENTS			nate the cross-linking reaction and to obtain lipid pow-	
	7.540.555 17.71070 Higgstand of al		ders each coated with the water-soluble coating agent, and cooling the coated lipid powders.	
3			11 Claims, No Drawings	

4,921,705

United States Patent [19] [11] Patent Number: